



Monoclonal Antibody Treatment for COVID-19

Provider Toolkit

Updated October 2021

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Background

- This toolkit provides Maryland health care professionals with resources and information on monoclonal antibody treatment for COVID-19.
- Monoclonal antibody treatment (mAb) is not a cure, but it may lessen symptom severity and help keep high-risk patients out of the hospital.

What is Monoclonal Antibody Treatment

- Monoclonal antibodies are laboratory-made proteins that mimic natural antibodies' ability to fight viruses, such as COVID-19.

Who Qualifies for Treatment

There are two indications for monoclonal antibody use.

- 1) Treatment** of symptoms of mild-to-moderate COVID-19 in certain high risk individuals.
- 2) Post-exposure prophylaxis** in individuals who are not expected have an adequate immune response to COVID-19.

Eligibility for mAb Treatment of COVID-19

mAb treatment is for adults and adolescents (12 and older) who:

- Recently tested positive for COVID-19
- Are within 10 days of first experiencing symptoms
- Do not need to be hospitalized for COVID-19
- Weigh at least 88 pounds

Continued...

Who Qualifies for Treatment

continued

Are in one of the following high-risk categories:

- Are age 55 to 64 AND have cardiovascular disease, hypertension, chronic respiratory diseases or COPD
- Have diabetes, obesity, kidney disease or other serious chronic conditions
- Are 65 years old or older
- Are pregnant
- For adolescents: high BMI, sickle cell disease, heart disease, neurodevelopmental disorders, a medical-related technological dependence, asthma or other chronic respiratory disease
- Or who have been determined by their healthcare provider to be at high risk for worsening and/or hospitalization

Who Qualifies for Post-exposure Prophylaxis

Individuals who have no symptoms, but have been exposed in the past four days to a known or suspected case of COVID-19 and are in one of the following categories:

- Are not fully vaccinated
- Are vaccinated but not expected to have an adequate immune response to the vaccine
- Are in a congregate living situation such as a nursing home or prison

Treatment Locations in Maryland

- There are dozens of monoclonal antibody treatment facilities in Maryland.
- Locations listed on referral form.
- Locations can also be found through the [HHS website](#) (may not reflect most recent updates).

Referrals for Individuals without PCPs

- Individuals who do not have a healthcare provider may contact [eVisit](#) to schedule a virtual appointment.
- Individuals may also [self-refer](#).
- Individuals who do not have access to the internet may call 410-649-6122 and receive information on monoclonal applicability over the phone.

Monoclonal Antibody Treatment for COVID-19

Provider Resources

Provider Resources

Resources for Health Care Professional are available at [Information about Monoclonal Antibodies \(mAb\)](#)

Referral Flyer

Health Care Provider referrals to Monoclonal Antibody Infusions

- Monoclonal antibodies (mAbs) directly neutralize the COVID-19 virus and are intended to prevent the progression of disease
- mAbs are likely to be most beneficial if given to patients early in symptom progression
- Product delivered via single IV infusion administration
- Early evidence suggest promise of mAb products in **outpatient** settings to **reduce hospitalization**

Process to refer your patients

1. Review patient eligibility criteria

for patients with mild-moderate symptoms.

Full criteria listed by FDA:

- *Bamlanivimab and Etesevimab*
- *Casirivimab and Imdevimab*

2. Perform a COVID-19 PCR or Point-of-Care Rapid Antigen Test

(POC Antigen Tests can be supplied by MDH: complete this [form](#) if interested).

3. Refer your positive patients to a partnering infusion site* ASAP

to start treatment within 10 days of onset of symptoms.

Option 1 (Preferred) OR Option 2

Send eReferral via the CRISP Unified Landing Page
(*Starter guide: pp. 1-7, 25-35*)

Complete referral form (link at top) and submit directly to infusion site

*(Infusion sites listed on next page)

Adult Eligibility Criteria

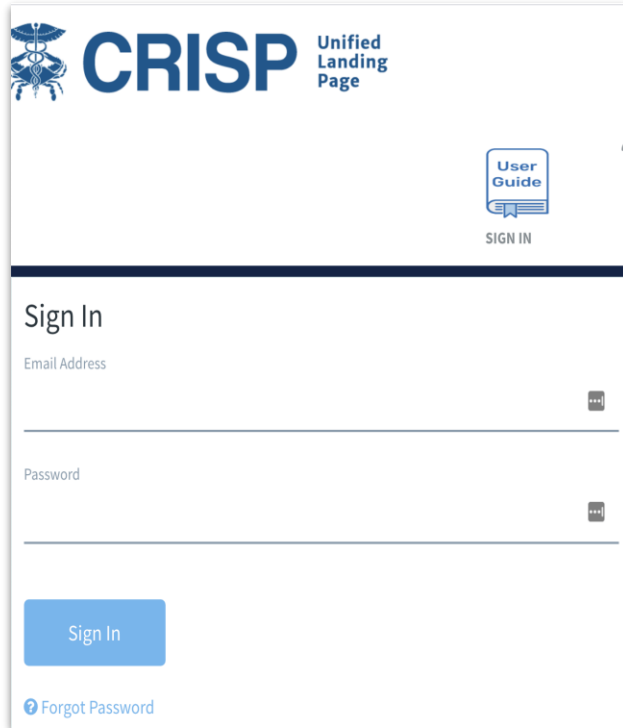
At least 1 of the following:

1. Age \geq 65 years;
2. Age \geq 55 years AND have any of the following:
 - Cardiovascular disease
 - Hypertension
 - COPD/other chronic respiratory disease
3. Diabetes;
4. Immunosuppressive disease;
5. Receiving immunosuppressive treatment;
6. BMI \geq 35; OR
7. Chronic kidney disease



[Health Care Provider Referral to Monoclonal Antibody Infusion Overview Flyer](#)

Referral Options




The screenshot shows the CRISP Unified Landing Page. At the top left is the CRISP logo with a caduceus icon. To its right is the text "Unified Landing Page". In the top right corner, there is a "User Guide" icon with the text "SIGN IN" below it. The main section is titled "Sign In" and contains two input fields: "Email Address" and "Password". Below these fields is a blue "Sign In" button. At the bottom left, there is a link that says "Forgot Password".

Option 1:

[CRISP eREFERRAL for Monoclonal Antibody Infusion](#)

Access the [CRISP mAb eREFERRAL Starter Guide](#)

Referral Options



Maryland
DEPARTMENT OF HEALTH

Maryland Referral Form
Ambulatory Monoclonal Antibody Infusion Treatment for COVID-19

Please complete the information on this form if your patient could benefit from monoclonal antibody treatment. This form should be sent to the infusion site with closest proximity to the patient (pg. 3). The Infusion Site will review the referral and contact the patient to coordinate services as soon as possible.

*Please note: **CRISP** is the preferred referral option. Use this form only when CRISP is not available.*

****First Name:** _____ ****Last Name:** _____

****DOB:** _____ **Age:** _____

****Sex:** ☐ M ☐ F ☐ Other _____ ☐ Unknown

****Patient's Preferred Language** ☐ English ☐ Spanish ☐ Other _____

****Address Line 1:** _____

Address Line 2: _____

City: _____ **State:** _____ **County:** _____ ****Zip:** _____

County: _____

****Phone:** ☐ cell ☐ home **Secondary Phone:** ☐ cell ☐ home

Allergies (medication/food/other):
Please include any additional historical patient health information. You may free text, copy/paste, or you may attach a recent clinic note or other documentation, as necessary.

Inclusion and Exclusion Criteria:
****Weight (lbs):** _____ **Kg:** _____ ****Height (feet/inches):** _____ **BMI:** _____

****Patient has had a recent SARS-CoV2 PCR or Rapid Antigen Positive Test Result:** ☐ Yes ☐ No
Note: Test must be first known positive test result.

**** SARS-CoV2 PCR or Rapid Antigen test date (date specimen was obtained):** _____

*The (**) indicates a required field.*

Option 2:

[Maryland Referral Form for Monoclonal Antibody Infusion Treatment](#)

Point-of-Care Rapid Antigen Testing

- Testing provided to practices willing to identify and refer symptomatic patients eligible for mAb therapy
- Interested practices should fill out this [Google Form](#) as soon as possible
- After filling out the form, Maryland Department of Health staff will contact you with next steps
- More information is available [here](#)

Federal Resources

- [HHS COVID-19 Monoclonal Antibody Therapeutics Digital Toolkit](#)
- [HHS Therapeutics Distribution Locations](#)
- [Federal Response to COVID-19 Monoclonal Antibody Clinical Implementation Guide](#)
- [NIH COVID-19 Treatment Guidelines: Antibody Products](#)
- FDA clinical information about mAb therapeutics:
 - [Fact Sheet for Health Care Providers Emergency Use Authorization \(EUA\) of REGEN-COV](#)
 - [Fact Sheet for Health Care Providers EUA of Bamlanivimab and Etesevimab](#)

Monoclonal Antibody Treatment for COVID-19

Patient Resources

Patient Resources

- [FAQs about Monoclonal Antibody Treatment for COVID-19](#)
- [Monoclonal Antibody Therapy \(mAb\) for Treating COVID-19 Fact Sheet](#)
- [COVID-19 Monoclonal Antibody Treatment for Older Adults in Nursing Homes](#)
- [COVID-19 Monoclonal Antibody Therapeutics](#)
- [Monoclonal Antibodies Infographic](#)

Social Media - Twitter

 **Maryland Department of Health** ✓
@MDHealthDept

If you test positive for [#COVID19](#), monoclonal antibody treatment could help keep you out of the hospital. But don't delay, patients must receive this treatment within 10 days of symptom onset.

Learn more at bit.ly/mAbTreatments



COVID-19 Treatments
Reduce your risk of hospitalization.



 **Maryland Department of Health** ✓
@MDHealthDept

If you test positive for [#COVID19](#), monoclonal antibody treatment could help to reduce both the symptoms of COVID-19 and the need for hospitalization.

Talk with your doctor as soon as you test positive to determine if this treatment is right for you:
bit.ly/mAbTreatment



COVID-19 Treatments
Reduce your risk of hospitalization.



 **Maryland Department of Health** ✓
@MDHealthDept

Did you know there are treatment options for high-risk [#COVID19](#) positive patients with mild to moderate symptoms? Monoclonal antibody treatment could help boost your immune response, keeping you out of the hospital.

Learn more: bit.ly/mAbTreatment



COVID-19 Treatments
Reduce your risk of hospitalization.



Social Media - Facebook

Maryland Department of Health ★ Favorites · February 9 at 12:30 PM · 🌐

Monoclonal antibody treatment has been shown to reduce the severity of symptoms and prevent hospitalization in people with mild or moderate symptoms of COVID-19 and is available for Marylanders who are at high risk for serious illness from the virus.

If you test positive for COVID-19, talk with your doctor as soon as possible to determine if monoclonal antibody treatment is right for you. Learn more: <http://bit.ly/mAbTreatment>



COVID-19 Treatments
Reduce your risk of hospitalization.



Maryland Department of Health ★ Favorites · February 17 at 11:30 AM · 🌐

Did you know there are treatment options for high-risk #COVID19 positive patients with mild to moderate symptoms? Monoclonal antibody treatment may lessen symptom severity and boost your immune response, keeping you out of the hospital.

Talk to your healthcare provider as soon as you test positive to see if you—or your COVID-19-positive family member—may be eligible to receive monoclonal antibody treatment. Learn more: <https://bit.ly/mAbTreatment>



COVID-19 Treatments
Reduce your risk of hospitalization.



Maryland Department of Health ★ Favorites · February 24 at 1:00 PM · 🌐

Do you have #COVID19 symptoms? Get tested! You could be eligible for a monoclonal antibody treatment that may keep you out of the hospital. Don't delay, patients must receive this treatment within 10 days of first experiencing symptoms.

If you test positive, talk to your healthcare provider as soon as possible to find out if monoclonal antibody therapeutics are right for you. Learn more at <https://bit.ly/mAbTreatments>



COVID-19 Treatments
Reduce your risk of hospitalization.



Maryland Department of Health ★ Favorites · January 27 at 10:13 AM · 🌐

RELEASE: The Maryland Department of Health is encouraging physicians and patients to consider monoclonal antibody treatment, which has been shown to reduce the severity of symptoms and prevent hospitalization in people with mild or moderate symptoms of COVID-19.

A new online referral portal will allow physicians to more efficiently refer COVID-19 patients for monoclonal antibody treatment at several locations throughout Maryland.

"Monoclonal antibody treatments can reduce ... [See More](#)

Monoclonal Antibodies

What are antibodies? Antibodies are naturally made in our bodies to fight infection.

Without Antibodies
A virus enters a cell
Cell lining



With Antibodies
Antibodies block the virus from entering the cell



What are MONOCLONAL ANTIBODIES?

Monoclonal antibodies (mAbs) are antibodies developed in a laboratory to help our bodies fight infection.

Nearly **100** mAbs are FDA approved to treat health conditions including cancers and autoimmune diseases.

mAbs are also being studied for the treatment and prevention of COVID-19.

Questions

For more information about mAb, please contact:

Maryland Department of Health

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